

I. IN THE CLAIMS

Please amend the claims as indicated below. No new matter has been added.

- 1.(currently amended) A system for organization of information, comprising:
- a. a server comprising a searchable authority table, the authority table further comprising a key field and raw data, the raw data further comprising at least one of text, graphics, audio, or video contained in at least one of (i) a document, (ii) an image, (iii) a reference to a document, or (iv) a reference to an image;
 - b. a data communications device operatively in communication with the server;
 - c. a user computer operatively in communication with the data communications device, the user computer having access to the searchable authority table, the user computer further comprising:
 - i. at least one user definable taxonomy table, wherein the taxonomy table:
 - (1) is accessible to the user computer;
 - (2) comprises at least one key field adapted to provide for relating a record in the taxonomy table to at least one record in another table;
and
 - (3) is manipulatable by a user with adequate access permission to manipulate records contained in the user taxonomy table; and
 - ii. at least one searchable summary table, wherein the summary table:
 - (1) is accessible to the user computer;
 - (2) comprises at least one key field adapted to provide for relating a record in the summary table to at least one record in another table
and user created data;

- (3) is related to the authority table and the user taxonomy table using the key field; and
 - (3) is manageable by a user with adequate access permission to manage the summary table;
- d. software executable in the server to provide access to and management of the authority table; and
- e. software executable in the user computer to provide access to and manipulation of the taxonomy table and the summary table.

2.(original) The system of claim 1 wherein manipulation of the taxonomy table comprises creating, modifying, associating elements in the taxonomy table with other elements in the taxonomy table for dynamic alternate presentation, rearranging, and deleting elements of the user taxonomy table.

3.(original) The system of claim 1 wherein management of the summarization table comprises creating, modifying, and deleting elements of the summary table and associating elements of the summary table with at least one element of the user taxonomy table.

4.(original) The system of claim 1 wherein the user computer has access to a plurality of searchable raw data via the data communications device.

5.(currently amended) The system of claim 1 wherein the raw data of authority table further comprises descriptions of at least one of legal data, medical data, educational data, manufacturing data, scientific data, repair data, audiovisual data, and entertainment data.

6.(original) The system of claim 1 wherein the server further comprises a database comprising the authority table.

7. (original) The system of claim 1 further comprising:

- a. a data network accessible to the server and the user computer via the data communications device; and
- b. query software executing at least partially in the server;
- c. whereby computers with access to the data network may be allowed to access predetermined portions of the authority table.

8. (currently amended) The system of claim 7 wherein the authority table further comprises at least one of a description[s] of data located via the Internet or a reference to data located using the Internet.

9.(original) The system of claim 7 wherein:

- a. the data network comprises the Internet;
- b. the user computer uses Internet browsing software executable at the user computer to access the predetermined portions of the database; and

- c. the server is an Internet service provider;
- d. wherein the user computer further has access to a plurality of searchable raw data via the Internet.

10.(currently amended) The system of claim 9, wherein the software executable in the user computer is further adapted to allow a user ~~is allowed~~ to submit a query to the query software via the Internet.

11.(original) The system of claim 1 further comprising a user interface to the system comprising at least one of an HTML user interface, a non-database language user interface, and a database language interface.

12.(currently amended) A method of creating summarized information for later access for a system ~~of claim 1~~ a server comprising a searchable authority table, the authority table further comprising raw data; a data communications device operatively in communication with the server; a user computer operatively in communication with the data communications device, the user computer having access to the searchable authority table, the user computer further comprising at least one user definable taxonomy table, wherein the taxonomy table (1) is accessible to the user computer; (2) comprises at least one key field for relating a record in the taxonomy table to a record in another table, and (3) is manipulatable by a user with adequate access permission to manipulate records contained in the user taxonomy table; and at least one searchable summary table, wherein the summary table is accessible to the user computer; comprises at least one key field; is related to the authority table and the user taxonomy table

using the key field; and is manageable by a user with adequate access permission to manage the summary table; software executable in the server to provide access to and management of the authority table; and software executable in the user computer to provide access to and manipulation of the taxonomy table and the summary table, the method comprising:

- a. capturing raw data into an programmatically manipulatable format;
- b. storing the programmatically manipulatable format of the raw data into the authority table;
- c. capturing a description of a source of the raw data;
- d. storing the description into the authority table while associating the description with the data in the authority table;
- e. programmatically retrieving the raw data from the authority table by a user;
- f. allowing the user to summarize at least a portion of the retrieved raw data, the summarization to be stored in the summary table;
- g. examining by the user for one or more elements in the user taxonomy table for an ~~appropriate~~ taxonomy table element to associate with the summarization;
- h. creating a new element in the user taxonomy table describing an ~~appropriate~~ taxonomy element to associate with the summarization if an appropriate element is not already present in the taxonomy table;
- i. associating the summarization with the appropriate element of the taxonomy table using a key field in the user taxonomy table and the summary table;
- j. associating the summarization with the authority table using a key field in the authority table and the summary table; and
- k. storing the summarization and associations in the summary table.

13.(currently amended) The method of claim 12 wherein step (a) further comprises:

- i. parsing the raw data prior to storing the captured raw data in the authority table to create parsed raw data;
- ii. generating keywords from the parsed raw data;
- iii. saving the keywords in a keyword table associated with the authority table; and
- iv. storing the raw data description in the authority table.

14.(original) The method of claim 12 wherein step (k) further comprises:

- i. parsing the summarization prior to storing the summarization in the summary table;
- ii. generating keywords from the parsed summarization;
- iii. saving the keywords in a keyword table associated with the summary table; and
- iv. storing the summarization in the summary table.

15.(original) The method of claim 12 wherein the description of the raw data comprises at least one of the raw data, a pointer to the raw data, a description of a file containing the raw data, and a description of a remote source location of a file containing the raw data.

16.(original) The method of claim 12 further comprising:

- a. receiving a notice of addition of new raw data to the authority table at the user computer;
- b. receiving keywords associated with the new raw data at the user computer;

- c. processing the user taxonomy table for keywords associated with one or more predetermined elements of the user taxonomy table for keywords associated with each of those predetermined elements of the user taxonomy table;
- d. examining the keywords associated with each of the predetermined elements of the user taxonomy table against the keywords received associated with the new raw data;
- e. generating a relevance factor for the new raw data based on the examination; and
- f. suggesting the new raw data to the user as relevant for each of the predetermined elements of the user taxonomy table where the relevance factor is at a predetermined threshold level in each of the predetermined elements of the user taxonomy table.

17.(original) A method of searching a system of claim 1 for relevant information, comprising:

- a. formulating a query at a user workstation;
- b. analyzing the query for keywords;
- c. obtaining user filtering input for tables to be searched;
- d. searching for keywords against the tables using the user filtering input; and
- e. returning search results to the user.

18.(original) The method of claim 17, further comprising at least one of:

- a. allowing the user to continue the search outside the tables when the number of search results occurs below a predetermined threshold; and

- b. allowing the user to continue the search outside the tables on a user initiated command.

19.(original) The method of claim 17, wherein the filtering input comprises at least one of limiting searches to a selected element of the taxonomy, limiting searches to a plurality of selected elements of the taxonomy, limiting searches to all elements of the taxonomy, limiting searches based on fields present for an authority table element, and limiting searches based on fields present for a summary table element.

20.(original) The method of claim 17 wherein a user viewing a summary table element may be allowed to view the raw data from which that summary was derived, the allowing comprising at least one of selecting a region on a display at the user computer in which the summary is being displayed, selecting a command button on the display, and using one or more keys on a keyboard associated with the user computer.

II. IN THE SPECIFICATION

Please insert the following paragraphs [0012a] and [0012b] after paragraph [0012]. No new matter has been added.

SUMMARY

[0012a] The present inventions comprise a system for organization, location, and retrieval of information. In an embodiment, the system includes a server comprising a searchable authority table; a data communications device operatively in communication with the server; a user computer operatively in communication with the data communications device, the user computer having access to the searchable authority table; software executable in the server to provide access to and management of the authority table; and software executable in the user computer to provide access to and manipulation of the taxonomy table and the summary table. The user computer further comprises a user definable taxonomy table, wherein the taxonomy table is accessible to the user computer; and is manipulatable by a user with adequate access permission to manipulate the user taxonomy table. The user computer further comprises a searchable summary table that is accessible to the user computer, is related to the authority table and the user taxonomy table, and is manageable by a user with adequate access permission to manage the summary table.

[0012b] The inventions further comprise methods of creating summarized information for later access for such a system as described above. Raw data are captured into an programmatically manipulatable format; the programmatically manipulatable format of the raw data stored into the authority table; a description of a source of the raw data is captured and the description stored into the authority table while associating the description with the data in the authority table. The raw data may be retrieved from the authority table by a user and the user

allowed to summarize at least a portion of the retrieved raw data, where the summarization is to be stored in the summary table. One or more elements in the user taxonomy table may be examined for an appropriate taxonomy table element to associate with the summarization and a new element created in the user taxonomy table describing an appropriate taxonomy element to associate with the summarization if an appropriate element is not already present in the taxonomy table. The summarization is associated with the appropriate element of the taxonomy table, and the summarization associated with the authority table. The summarization and associations are stored in the summary table.

Please amend paragraph [0023] as indicated to correct a scrivener's error. No new matter has been added.

[0023] Referring now to **FIG. 1**, the system and method of the present invention are scalable, as that term is understood by those of ordinary skill in the database arts. Database 22 may reside solely at server 20 or be distributed among the various computers 10,20,30,40. A first portion 200 (shown in **FIG. 2**) of database 22 may comprise captured raw data, referred to herein as "authority" data, where these raw data are typically captured into authority table 22a, and a second portion 300 (shown in **FIG. 2**) of database 22 may comprise user manipulatable data, referred to herein as "summary" data, typically in summary table 12b[a] associated with computer 10. As will be appreciated by those of ordinary skill in the computer arts, database 22 may comprise a single database such as database 22 at server 20 or be distributed to include database 12 at computer 10.

Please amend paragraph [0041] as indicated to correct a scrivener's error. No new matter has been added.

[0041] Referring now to FIG. 2, in the currently preferred embodiment, database 22 may comprise two major sections, 200 and 300. As will be familiar to those of ordinary skill in the database arts, a database in general may comprise tables and possibly other components such as views and reports. In this exemplary embodiment, backend portion 200 of database 22 comprises at least one authority table 22a, where authority table 22a may be accessible via table software object 210a, and user portion 300 comprises at least one summary table 12b[a], where summary table 12b[a] may be accessible via table software object 310a. Both these tables may be free tables, associated with the same database such as database 22, or associated with different databases. However, in an exemplary embodiment where the user and backend functions co-reside in a computer, all tables may be associated with a single database such as database 22.

Please amend paragraph [0051] as indicated to correct a scrivener's error. No new matter has been added.

[0051] Additionally, users may be allowed to switch between databases 22 as well. When a user switches, the context of the user's summaries and taxonomies may switch as well. However, a user may link taxonomy table 12a to ~~between~~ multiple authority tables 22a, as well as multiple tables in user portion 300. In situations where a user computer ~~has or~~ has access to multiple databases 22, if the user deletes a taxonomy level in such a multiple context the deleted item may remain present in taxonomy table 12a but would be disabled, e.g. grayed out, for the set of tables associated with the context in which the user deleted the item from taxonomy table 12a. If the item from taxonomy table 12a is associated with no further tables, that item may then be removed from the shared taxonomy table 12a.

Please amend paragraph [0058] as indicated to correct a scrivener's error. No new matter has been added.

[0058] In all search situations, keywords that are generated may be displayed such as at 620 or via button 652 for a user and modified or deleted, and additional keywords entered, by users with appropriate permission. In a further embodiment, the user may elect to designate how the keywords are to be viewed for a search to produce a result. As will be familiar to those of ordinary skill in the programming arts, the user query may designate certain words as required, such as by using a “+” symbol, and words to be omitted, such as by using a “-” symbol. Additionally, the user may use proximity search designators including “within sentence,” “within paragraph,” and/or “within ‘n’ words of ‘phrase’” designators. In advanced searches, a user may further be able to designate additional search conditions for one or more fields present in authority table 22a[12a], e.g. dates, authors, type of authority, and the like.

Please amend paragraph [0071] as follows to correct a scrivener’s error:

[0071] Alternatively, if the “us\currency\coin” branch is set to be equivalent to the “canada\currency\coin” branch, a further dynamic alternate presentation may appear as shown in Table 3:

Please amend paragraph [0072] as follows to correct a scrivener’s error:

[0072] If the “us\currency\coin” branch is set as related to the “canada\currency\coin” branch, a further dynamic alternate presentation may appear as shown in Table 4:

Please amend paragraph [0074] as follows:

[0074] If the user designates “Manufacturer1\gas” as equivalent to “Manufacturer2[1]\gas,” a dynamic alternate presentation may appear as shown in Table 6:

Please amend paragraph [0075] as follows:

[0075] Similarly, if the user designates “Manufacturer1\gas” as related to “Manufacturer2[1]\gas,” a dynamic alternate presentation may appear as shown in Table 7: